

Converting Colors

Yxy(50.9555, 0.4116, 0.4043)

Have a look what the booklet for
Yxy(50.9555, 0.4116, 0.4043)
contains.

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Color

Yxy(50.9436, 0.4115, 0.4037)

Conversions

Conversions Part 1

Format	Color
Hex	E5B573
RGB	229, 181, 115
RGB Percent	90%, 71%, 45%
CMY	0.1020, 0.2901, 0.5490
CMYK	0.00, 0.21, 0.50, 0.10
HSL	35°, 69%, 67%
HSV	35°, 50%, 90%
XYZ	51.9279, 50.9436, 23.3202
YIQ	187.8280, 49.7940, -10.3500

Conversions

Conversions Part 2

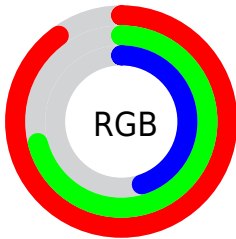
Format	Color
R _Y B	198, 229, 115
Decimal	15054195
CIE Lab	76.64, 9.42, 40.07
CIE LCh	77, 41.163, 76.773
Yxy	50.9436, 0.4115, 0.4037
Android (android.graphics.Color)	4293244275 (0xFFE5B573)
YUV	187.8280, -35.9042, 36.1078
Hunter-Lab	71.3748, 4.9597, 30.5906

Details

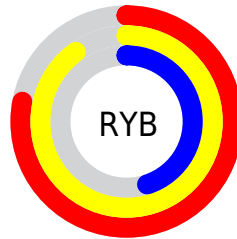
The Yxy color **50.9436, 0.4115, 0.4037** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **35.4913, 0.2303, 0.2383**, and the grayscale version is **50.3746, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.6555, 0.3699, 0.3984**, and **24.4779, 0.4366, 0.4197** is the 20% darker color. If you saturate the color by 10%, you get **46.6973, 0.4358, 0.4163**, and if you desaturate by 10%, it is **55.5969, 0.3881, 0.3892**.

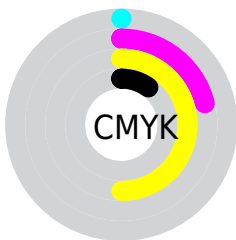
Distribution



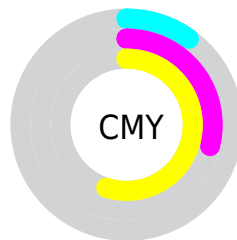
- Red (90%)
- Green (71%)
- Blue (45%)



- Red (78%)
- Yellow (90%)
- Blue (45%)



- Cyan (0%)
- Magenta (21%)
- Yellow (50%)
- Black (10%)




- Cyan (10%)
- Magenta (29%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.9436, 0.4115, 0.4037 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 50.9436, 0.4115, 0.4037 by changing the saturation by 10% instead.

 50.9436, 0.4115,
0.4037


 50.9436, 0.4115,
0.4037


390.3446, 0.3636,
0.3692

 36.1637, 0.4226,
0.4111


 91.5714, 0.3947,
0.3920

 24.5607, 0.4362,
0.4199

 118.1881, 0.3882,
0.3873

 15.7500, 0.4532,
0.4302


 149.5192, 0.3826,
0.3833

 9.3475, 0.4744,
0.4418

185.9491, 0.3778,
0.3797

 4.9685, 0.5049,
0.4573

227.8622, 0.3736,
0.3766

 2.2288, 0.5358,
0.4642

275.6429, 0.3698,

 0.7356, 0.5589,

0.3738

0.4411

329.6756, 0.3666,
0.3714

0.0000, 0.0000,
0.0000

50.9436, 0.4115,
0.4037

50.9436, 0.4115,
0.4037

46.6973, 0.4358,
0.4163

55.5969, 0.3881,
0.3892

42.8353, 0.4599,
0.4258

60.6640, 0.3662,
0.3737

39.3432, 0.4826,
0.4310


66.1606, 0.3463,
0.3582


36.2018, 0.5024,
0.4309

72.0992, 0.3283,
0.3431


33.3826, 0.5190,
0.4260

78.4915, 0.3124,
0.3287

 33.3210, 0.5194,
0.4258

 85.3489, 0.2983,
0.3152

 91.3047, 0.2969,
0.3224

 95.3950, 0.2970,
0.3290

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



50.9436, 0.4242, 0.3637



50.9436, 0.4115, 0.4037



50.9436, 0.3720, 0.4285

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



50.9436, 0.4115, 0.4037



50.9436, 0.2285, 0.3283



50.9436, 0.2987, 0.2529

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



50.9436, 0.4115, 0.4037



35.4913, 0.2303, 0.2383

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



50.9436, 0.2502, 0.2411



50.9436, 0.4115, 0.4037



50.9436, 0.2127, 0.2787

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



50.9436, 0.4115, 0.4037



50.9436, 0.2662, 0.3847



50.9436, 0.2203, 0.2490



50.9436, 0.3558, 0.2810

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



50.9436, 0.4115, 0.4037



50.9436, 0.3371, 0.4293



50.9436, 0.2203, 0.2490



50.9436, 0.2809, 0.2470

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



50.9460, 0.4115, 0.4037



87.9313, 0.3376, 0.3510



31.6151, 0.3900, 0.2730



18.4804, 0.3415, 0.3543



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



50.9460, 0.4115, 0.4037



59.3070, 0.4372, 0.4170



72.6991, 0.3797, 0.4522



15.7473, 0.3278, 0.3426



19.2980, 0.5174, 0.4274



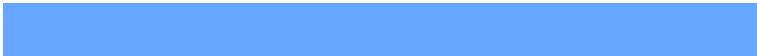
1.6089, 0.4992, 0.4418

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



35.4913, 0.2303, 0.2383



37.4626, 0.2133, 0.2146



22.1039, 0.2229, 0.1735



14.8792, 0.2981, 0.3150



8.2846, 0.1703, 0.1329



0.7926, 0.1782, 0.1616

Previews

White Background



This preview shows how the Yxy color 50.9436, 0.4115, 0.4037 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 50.9436, 0.4115, 0.4037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

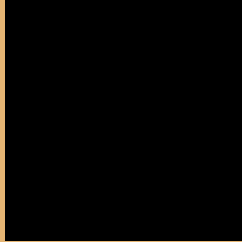
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.9436, 0.4115, 0.4037

Background



This preview shows how black text looks on a background with the Yxy color 50.9436, 0.4115, 0.4037.



This preview shows how white text looks on a background with the Yxy color 50.9436, 0.4115, 0.4037.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

50.9436, 0.4115, 0.4037

Protanopia

50.9686, 0.3848, 0.4155

Deuteranopia

50.9436, 0.4115, 0.4037



Tritanopia

50.7124, 0.3577, 0.3135

Trichromacy



Original Color

50.9436, 0.4115, 0.4037

Protanomaly

50.8492, 0.3944, 0.4110

Deuteranomaly

50.9436, 0.4115, 0.4037

Tritanomaly

50.5216, 0.3789, 0.3463

Monochromacy



Original Color

50.9436, 0.4115, 0.4037

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.9676, 0.3478, 0.3590

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.9436, 0.4115, 0.4037 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(229, 181, 115)` looks like.

```
.text, #text, p{  
    color:rgb(229, 181, 115)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(229, 181, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 181, 115) }
```

Border

The CSS property to change the border of an element to Yxy 50.9436, 0.4115, 0.4037 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(229, 181, 115) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(229, 181, 115) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(229, 181, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 181, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 181, 115);  
box-shadow:4px 4px 4px 4px rgb(229, 181,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 50.9436, 0.4115, 0.4037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 181, 115) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(229,  
181, 115) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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